

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions of claims in the application:

LISTING OF CLAIMS:

1. (CURRENTLY AMENDED) A magnetic head ~~having an air bearing surface (ABS)~~, comprising:  
an antiparallel (AP) pinned layer structure;  
a bias layer spaced apart from the AP pinned layer structure, a magnetic moment of the bias layer being pinned; and  
a free layer positioned between the AP pinned layer structure and the bias layer;